

AMENDMENTS TO THE CLAIMS

Claim 1. (currently amended) An information processing apparatus comprising:
a motion detector for detecting motion vectors for a plurality of predetermined blocks within each frame of ~~said an~~ image signal to be displayed by a display device;
a generator for generating a motion control signal corresponding to each frame of said image signal by calculating said motion vectors; the motion control signal being generated to represent both actual stimulus and simulated stimulus to an object; the simulated stimulus including at least components corresponding to centrifugal force, inertial force, and yaw; and
a driving device for driving the object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner imparting both actual and simulated stimulus to the object.

Claims 2-3. (canceled)

Claim 4. (previously presented) An information processing apparatus according to claim 1, wherein said generator generates, as said motion control signal, a horizontal component, a vertical component, a magnification component, and a rotation component in accordance with said motion vectors.

Claim 5. (canceled)

-Claim 6. (previously presented) An information processing apparatus according to claim 1, wherein a chair is provided as said object, and said driving device comprises an actuator for moving said chair.

Claim 7. (canceled)

Claim 8. (original) An information processing apparatus according to claim 1, wherein said motion control signal contains a plurality of components.

Claim 9. (canceled)

Claim 10. (currently amended) An information processing method comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of ~~said an~~ image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal by calculating said motion vectors; the motion control signal being generated to represent both actual stimulus and simulated stimulus to an object; the simulated stimulus including at least components corresponding to centrifugal force, inertial force, and yaw; and

driving the object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner imparting both actual and simulated stimulus to the object.

Claims 11-12. (canceled)

Claim 13. (previously presented) An information processing method according to claim 10, wherein, in said generating step, as said motion control signal, a horizontal component, a vertical component, a magnification component, and a rotation component are detected in accordance with said motion vectors.

Claim 14. (canceled)

Claim 15. (original) An information processing apparatus according to claim 10, wherein said motion control signal contains a plurality of components.

Claim 16. (canceled)

Claim 17. (currently amended) A storage medium storing a computer-controllable program, said program comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of ~~said an~~ image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal by calculating said motion vectors; the motion control signal being generated to represent both actual stimulus and simulated stimulus to an object; the simulated

stimulus including at least components corresponding to centrifugal force, inertial force, and yaw; and

driving the object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner imparting both actual and simulated stimulus to the object.

Claims 18-19. (canceled)

Claim 20. (previously presented) A storage medium according to claim 17, wherein, in said generating step, as said motion control signal, a horizontal component, a vertical component, a magnification component, and a rotation component are detected in accordance with said motion vectors.

Claim 21. (canceled)

Claim 22. (original) An information processing apparatus according to claim 17, wherein said motion control signal contains a plurality of components.

Claims 23-25. (canceled)